

<b>INFORMATION DISCLOSURE CITATION</b> <small>(Use several sheets if necessary)</small>				Docket Number (Optional) <b>15689.49.2</b>		Application Number <b>10/673,656</b>	
				Applicant(s) <b>Takehiro Nakamura, et al.</b>			
				Filing Date <b>9/29/2003</b>	Group Art Unit		
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
							YES
<i>CHG</i>	1	09-046311	2/14/1997	Japan	H04J3	00	<input checked="" type="checkbox"/>
	2	05-091079	4/9/1993	Japan	H04J3	12	<input checked="" type="checkbox"/>
<i>✓</i>	3	09-046275	2/14/1997	Japan	H04B3	04	<input checked="" type="checkbox"/>
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
<i>CHG</i>	4	Official Notice of rejection Patent Application No.: 10-543752					
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>3/16/07</i>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i> JUN 1 0 2005 				Docket Number (Optional) <b>15689.49.2</b>		Application Number <b>10/673,656</b>	
				Applicant(s) <b>Takehiro Nakamura, et al.</b>		Filing Date <b>9/29/2003</b>	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	MARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CHG	1	5,497,395	3/5/1996	Jou	375	205	4/4/1994
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
							YES      NO
CHG	2	EP 0748074 A2	12/11/1996	Europe	H04J13	02	<input checked="" type="checkbox"/>
CHG	3	EP 0696113 A2	2/7/1996	Europe	H04B7	06	<input checked="" type="checkbox"/>
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
CHG	4	Canadian Intellectual Property Office Application No.: 2,485,891					
EXAMINER				DATE CONSIDERED			
				8/17/07			
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O P E INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> DEC 21 2004	Docket Number (Optional) 15689.49.2		Application Number 10/673,656	
	Applicant(s) Takehiro Nakamura, et al.			
	Filing Date 9/29/2003	Group Art Unit 2634		

#### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CPL	1	5,265,119	11/23/1993	Gilhousen et al.	375	1	5/17/1991

#### U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

#### FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
CPL	2	0 681 406 A1	11/8/1995	Europe	H04Q7	24	✓	
	3	0 534 612 A2	3/31/1993	Europe	H04Q7	04	✓	
	4	0 490 554 A2	6/17/1992	Europe	H04Q7	04	✓	
	5	WO 97/07600	2/27/1997	WIPO	H04B7	005	✓	
	6	WO 96/27269	9/6/1996	WIPO	H04Q7	30	✓	

#### OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*


EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	3   18   01
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO.	APPLICATION NO.		
				15689.49.2			10/673,656
				APPLICANT(S) Takehiro Nakamura et al.			
				FILING DATE	GROUP ART UNIT		
September 29, 2003				2634			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO
CPB	7	EP 0 758 168 A1	2/12/1997	Europe	H04J13	04	✓
	8	WO 95/31879	11/23/1995	WIPO	H04Q7	22	✓
	9	EP 0652650 B1	5/10/1995	Europe	H04B7	26	✓
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
CPB	10	Multirate Spread Spectrum Direct Sequence CDMA techniques XP 000570787 H. Azad, A.H.Aghvami 1994					
EXAMINER			DATE CONSIDERED				
<i>[Signature]</i>			3/18/07				
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		ATTY DOCKET NO. 15689.49.2	SERIAL NO. Unassigned
		Takehiro Nakamura et al.	
		FILING September 29, 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CLH	5,416,797	5/16/95	Gilhouse et al.	375	705	
	5,495,498	2/27/96	Tominaga et al.	375	200	
	5,309,474	05/03/94	Gilhouse et al.	375	1	
	5,479,397	12/26/95	W.C.Y. Lee	370	18	
	5,596,333	01/21/97	E.J. Bruckert	342	457	
	5,442,625	08/15/95	R.D. Gitlin et al.	370	18	
	5,596,601	1/21/97	Bar-David			
	5,604,766	2/18/97	Dohi et al.			
	5,673,260	9/30/97	Umeda et al.	370	342	
	5,802,110	9/1/98	Watanabe et al.	375	259	
	4,934,844	6/26/90				

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
CLH	WO 95/12943	05/11/95	PCT				
	WO 97/50194	12/31/97	PCT				
	WO 97/02665	01/23/97	PCT				
	WO 95/35002	12/21/95	PCT				
	0 652 650 A2	10/31/94	EPO				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

CLH		Tomohiro DOHI, et al., IEICE Trans. Commun., Vol. E79-B, No. 9, September 1996, "Experiments on Coherent Multicode DS-CDMA".

EXAMINER	<i>C.L.H.</i>	DATE CONSIDERED	3   18   07
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<p style="text-align: center;"><b>INFORMATION DISCLOSURE CITATION</b>  <small>(Use several sheets if necessary)</small></p> <p style="text-align: center;">AUG 31 2005</p>				Docket Number (Optional) 15689.49.2		Application Number 10/673,656	
				Applicant(s) Takehiro Nakamura, et al.			
				Filing Date 9/29/2003		Group Art Unit	
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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
							YES
CPG	1	09-008770	1/10/1997	Japan	H04J13	04	<input checked="" type="checkbox"/>
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
CLA	2	China Notification of the First Office Action Application No.: 2003101013301					
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<b>Applicant(s)</b> <b>Takehiro Nakamura et al.</b>		
<b>Filing Date</b> <b>September 29, 2003</b>	<b>Group Art Unit</b> <b>2616</b>	

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<b>Applicant(s)</b> <b>Takehiro Nakamura et al.</b>		
<b>Filing Date</b> <b>September 29, 2003</b>	<b>Group Art Unit</b> <b>2616</b>	

## U.S. PATENT DOCUMENTS

**U.S. PATENT APPLICATION PUBLICATIONS**

## **FOREIGN PATENT DOCUMENTS**

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